

Appl. No.: 10/596,717

Amdt. Dated: 1/16/2009

Reply to Office Action Mailed: 10/21/2008

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Previously Presented) A network comprising a loop having therein a plurality of loop network monitors, each loop network monitor having an RS-485 port connected to a host which transmits and receives data, and two further RS-485 ports by way of which the monitors are connected into the loop.
2. (Currently Amended) The [[A]] network as claimed in claim 1, and including router logic under the control of a microprocessor for controlling the transmission of data through the monitor.
3. (Currently Amended) The [[A]] network as claimed in claim 1, wherein the first mentioned RS-485 port comprises termination jumpers which can be set in [dependance] dependence on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.
4. (Currently Amended) The [[A]] network as claimed in claim 1, wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.
5. (Currently Amended) The [[A]] network as claimed in claim 3, wherein each of said means for isolating [for isolating] comprises an opto coupler.
6. (Currently Amended) A network loop monitor comprising an RS-485 port for connection to a host which transmits and receives data, and two further RS-485 ports for connecting the monitor into [[the]] a loop.
7. (Currently Amended) The [[A]] network loop monitor as claimed in claim 6, wherein the first mentioned RS-485 port comprises termination jumpers which can be set in dependance

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dependence on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.

8. (Currently Amended) The [[A]] network loop monitor as claimed in claim 6 wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.

9. (Currently Amended) The [[A]] network loop monitor as claimed in claim 6, wherein each of said means for isolating comprises an opto coupler.